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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/751,357	12/29/2000	Aleksandra Kolosowsky	H17-26086 US	8831	
128 75	90 06/27/2002				
	L INTERNATIONA	EXAMINER			
101 COLUMBIA ROAD P O BOX 2245			CRUZ, MAGDA		
MORRISTOW	N, NJ 07962-2245	•	ART UNIT	PAPER NUMBER	
			2851		
			DATE MAILED: 06/27/2002		

Please find below and/or attached an Office communication concerning this application or proceeding.

Examiner   Magda Cruz			Application No.	Applicant(s)			
Magda Cruz   2651			09/751,357	KOLOSOWSKY, ALEKSANDRA			
The MALING DATE of this communication app ars on the cover sh et with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Elementor for their pays be arabitised under the provisions of 3 CFR 1.136(a). In no event, however, may a reply be limely filed  Elementor for their pays be applied under the provisions of 3 CFR 1.136(a). In no event, however, may a reply be limely filed  Elementor for pays specified store is less than bristly (20) dates, as not event, however, may a reply be limely filed  I the period for reply septical store is less than bristly (20) dates, as not event, however, may a reply be limely filed  I the period for reply septical store is less than bristly (20) dates, as not event an explication is provided at the communication.  Filed period for reply septical store, the manusinal studies precided alloys and will reply safely (20) days will be considered in the control of the period of the communication is provided at the communication.  Filed period for the provided at the control of the control of the control of the period of the communication.  Pays and the control of the		Office Action Summary	Examiner				
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THE MAILING DATE OF THIS COMMUNICATION.  Extension of time repty exhalled under the provision of 30° CPR (13/98). In no event, boxweet, may a right be timely filled able SIX (6) MONTHS from the mailing date of this communication.  I NO period for repty is specified to the time to restrict the second of the communication of the second of the communication of the second of the se			op ars on the cover sh et wi	th the correspondence address			
2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)  1-31 is/are pending in the application.  4a) Of the above claim(s) 9-31 is/are withdrawn from consideration.  5)  Claim(s)  is/are allowed.  6)  Claim(s)  1-8 is/are rejected.  7)  Claim(s)  is/are objected to.  8)  Claim(s)  is/are objected to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner.  10)  The drawing(s) filled on 29 December 2000 is/are: a) accepted or a)  objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11)  The proposed drawing correction filed on  is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12)  The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. § 119 and 120  13)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some * c)  None of:  1.  Certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a)  The translation of the foreign language provisional application has been received.  15)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 120 and/or 121.  Attachment(s)  10) Notice of Draftspersons Patent Drawing Review (PTO-948)  5)  Notice of Draftspersons Patent Drawing Review (PTO-948)  5)  Other.	THE I - Exter after - If the - If NO - Failu - Any r	MAILING DATE OF THIS COMMUNICATION nsions of time may be available under the provisions of 37 CFR 1 SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a repriod for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by statue ply received by the Office later than three months after the mail	136(a). In no event, however, may a reply within the statutory minimum of thirty d will apply and will expire SIX (6) MON te, cause the application to become AB.	eply be timely filed  y (30) days will be considered timely  THS from the mailing date of this communication.  ANDONED (35 U.S.C. § 133).			
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			Action Summary	Part of Paper No. 8			

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### **DETAILED ACTION**

#### Election/Restrictions

1. Applicant's election without traverse of Group I (claims 1-8) in Paper No. 7 is acknowledged.

### **Drawings**

- 2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "110" and "120" have both been used to designate the same element on Figure 7. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.
- 3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference sign(s) not mentioned in the description: elements 10 and 20, from Figure 6, are not described in the specification. A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.
- 4. Applicant is required to submit a proposed drawing correction in reply to this

  Office action. However, formal correction of the noted defect may be deferred until after

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the examiner has considered the proposed drawing correction. Failure to timely submit the proposed drawing correction will result in the abandonment of the application.

# Claim Rejections - 35 USC § 112

- 5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

  The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 6. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
  - a. The phrase "between about" render the claim to be indefinite. The applicant is respectfully requested to be more specific about the range for the numeric aperture.

# Claim Rejections - 35 USC § 103

- 7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 8. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chambers et al. in view of <u>Adventures in Fiber Optics Kit</u> by Industrial Fiber Optics, Inc.

Chambers et al. (US Patent Number 5,626,410) discloses a projection screen (48) for displaying an image (50) from an image source (52), comprising a first diffusing

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assembly including a pre-screen (42) comprising at least a faceplate (40) and a second diffusing assembly comprising a diffused rear projection screen (36), including an anti-reflection coating (46) on a viewing side of said projection screen (column 4, lines 21-23), comprising fibers having a numeric aperture within a range of 0.2-0.66 (column 4, lines 1-3).

Chambers et al. teaches the salient features of the present invention, except an optical faceplate of fibrous crystal, wherein the material of said optical faceplate is a lab-grown Ulexite.

Adventures in Fiber Optics Kit by Industrial Fiber Optics, Inc. discloses an optical faceplate of fibrous crystal (page 9, lines 26-28), wherein the material of said optical faceplate (page 10, last paragraph) is Ulexite (page 9, lines 14-16).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to utilize the Ulexite optical faceplate disclosed by <u>Adventures in Fiber Optics Kit</u> by Industrial Fiber Optics, Inc. in combination with Chambers et al.'s invention, for the purpose of transferring the image to be displayed.

Furthermore, it is well known in the art the development of different methods for growing crystals in a laboratory. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to utilize a lab-grown crystal for the purpose of having the ability and advantage to obtain better quality crystals, than the ones found in nature, and having a steady supply of said crystals.

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### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Magda. Cruz whose telephone number is (703)308-6367. The examiner can normally be reached on Monday through Thursday 8:00-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Russ Adams can be reached on (703)308-2847. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-4355 for regular communications and (703)308-5841 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)308-1782.

SUPERVISORY PATENT EXAMINER

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Magda Cruz Patent Examiner June 25, 2002